

**To:** Vann, Bradley[Vann.Bradley@epa.gov]  
**From:** Washburn, Ben  
**Sent:** Wed 4/8/2015 3:27:12 PM  
**Subject:** FW: Training Citizen Scientists to Monitor Air Quality | Science

Here's the response to air monitoring request.

Benjamin M. Washburn  
Public Affairs Specialist  
EPA Region 7  
(913) 551-7364

-----Original Message-----

From: Washburn, Ben  
Sent: Wednesday, April 08, 2015 10:26 AM  
To: 'Harvey Ferdman'  
Cc: Dawn Chapman; Karen Nickel  
Subject: RE: Training Citizen Scientists to Monitor Air Quality | Science

Hi Harvey,

Thank you for your email regarding the citizen science air monitoring program. As you may know, traditionally, air quality in the United States is tracked using a network of national monitors located across the country. These monitors use established technologies that provide accurate, high quality regional data on air quality for use in protecting the nation's air quality standards and conducting enforcement and research activities. This monitoring and resulting data may not lend itself for use by citizens because it is often designed to provide regional data. Citizen science can be of most help when there is interest in direct personal or specific local air quality information.

The West Lake/Bridgeton area is unique in that there are monitors sited in the area which are specifically designed to evaluate local air quality conditions. MDNR and EPA have contributed significantly (in terms of resources, equipment and staff time) to a network of air monitors that are exclusively designed to evaluate a broad spectrum of local conditions and air pollutants. In most if not all cases, the data collected is of higher quality than what could be collected using citizen science tools and technology.

Consequently, our desire would be to continue to work with the community to ensure that this higher quality network is designed to collect data which addresses your questions and concerns both in terms of pollutants and impacted locations.

We look forward to continuing our partnership and dialogue as we refine monitoring efforts to isolate air quality concerns and address them using the regulatory tools available to us.

Again, thank you for the email. Please feel free to reach out at any time with questions.

Benjamin M. Washburn  
Public Affairs Specialist  
EPA Region 7  
(913) 551-7364

-----Original Message-----

From: Harvey Ferdman [mailto:HarveyFerdman@aol.com]  
Sent: Monday, March 23, 2015 8:40 AM  
To: Washburn, Ben  
Cc: Dawn Chapman; Karen Nickel  
Subject: Training Citizen Scientists to Monitor Air Quality | Science

Ben,

Any chance of getting a version of this that would be appropriate for monitoring the air quality around the portion of the landfill that has the SSE? It is my understanding that both West Lake Landfill and the Bridgeton Landfill (home of the large SSE) are part of the same Superfund site.

<http://blog.epa.gov/science/2015/03/training-citizen-scientists-to-monitor-air-quality/>

Thanks in Advance,  
Harvey

Harvey Ferdman  
Policy Advisor to  
Missouri State Representative Bill Otto, District 70 St. Louis, MO 63017  
314-469-0595  
314-761-5100 (cell)